

COPY

Amdt. dated February 28, 2005
Reply to Final Office action of Dec. 30, 2004

Serial No. 09/579,864
Docket No. STL920000034US1
Firm No. 0054.0029

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A method for providing information describing a file system connection between a local file system located on a local system and a host file system located on a host system, said method comprising:

encoding the information in a metalanguage format comprising one or more tags, each tag having an identifier and a set of one or more attributes, wherein the encoded information comprises a file system connection descriptor[[:]], said file system connection descriptor comprising:

a local system data structure comprising at least one tag representing the local file system;

a host system data structure comprising at least one tag representing the host file system; and

a mapping data structure comprising at least one tag representing a mapping between the local file system and the host file system; and
parsing the file system connection descriptor according to the metalanguage tags.

2. (Currently Amended) A data structure embodied in a computer-readable storage medium, said data structure representing information describing a file system connection between a local file system located on a local system and a host file system located on a host system, wherein said data structure comprises a file system connection descriptor, said file system connection descriptor comprising:

a local system data structure comprising at least one tag representing the local file system;

a host system data structure comprising at least one tag representing the host file system;

and

a mapping data structure comprising at least one tag representing a mapping between the local file system and the host file system, wherein the tags are encoded in a metalanguage format.

COPY

Amdt. dated February 28, 2005
Reply to Final Office action of Dec. 30, 2004

Serial No. 09/579,864
Docket No. STL920000034US1
Firm No. 0054.0029

3. (Original) The file system connection descriptor of claim 2 wherein the mapping data structure comprises:

- a local file extension data structure storing a local file extension;
- a host file pattern data structure storing a pattern describing a host file to which the local file extension will be applied; and
- a transfer type data structure storing a transfer type that defines how data will be transferred between the host system and the local system for this mapping.

4. (Original) The file system connection descriptor of claim 3 wherein the mapping data structure further comprises:

- a host codepage data structure storing an identification of a host codepage in which data in the host file is encoded; and
- a local-codepage data structure storing an identification of a local codepage in which data in a local file is encoded.

5. (Original) The file system connection descriptor of claim 2 wherein the host system data structure comprises:

- a data structure storing an identification of the host system;
- a data structure storing an identification of a user of the host system;
- a data structure storing an identification of a preferred drive on the local system; and
- a data structure storing an indication that the preferred drive be automatically connected by default when a remote connection is established with the host system.

6. (Original) The file system connection descriptor of claim 2 wherein the host system data structure further comprises:

- a data structure storing an identification of a list of qualifier data structures, wherein each qualifier data structure stores a qualifier name, a name identifying a directory on the host system, and an identification of file attributes of a file located in the host system directory.

COPY

Amdt. dated February 28, 2005
Reply to Final Office action of Dec. 30, 2004

Serial No. 09/579,864
Docket No. STL920000034US1
Firm No. 0054.0029

7. (Original) The file system connection descriptor of claim 2 encoded in a tagged metalanguage document comprising one or more tags, each tag having an identifier and a set of one or more attributes.

8. (Previously Presented) The file system connection descriptor of claim 7, wherein the tagged metalanguage is Extensible Markup Language (XML).

9. (Previously Presented) The method of claim 1, wherein the mapping data structure comprises:

- a local file extension data structure storing a local file extension;
- a host file pattern data structure storing a pattern describing a host file to which the local file extension will be applied; and
- a transfer type data structure storing a transfer type that defines how data will be transferred between the host system and the local system for this mapping.

10. (Previously Presented) The method of claim 9, wherein the mapping data structure further comprises:

- a host codepage data structure storing an identification of a host codepage in which data in the host file is encoded; and
- a local-codepage data structure storing an identification of a local codepage in which data in a local file is encoded.

11. (Previously Presented) The method of claim 1, wherein the host system data structure comprises:

- a data structure storing an identification of the host system;
- a data structure storing an identification of a user of the host system;
- a data structure storing an identification of a preferred drive on the local system; and
- a data structure storing an indication that the preferred drive be automatically connected by default when a remote connection is established with the host system.

COPY

Amdt. dated February 28, 2005
Reply to Final Office action of Dec. 30, 2004

Serial No. 09/579,864
Docket No. STL920000034US1
Firm No. 0054.0029

12. (Previously Presented) The method of claim 1, wherein the host system data structure further comprises:

a data structure storing an identification of a list of qualifier data structures, wherein each qualifier data structure stores a qualifier name, a name identifying a directory on the host system, and an identification of file attributes of a file located in the host system directory.

13. (Previously Presented) The method of claim 1, wherein the file system connection descriptor is encoded in a tagged metalanguage document comprising one or more tags, each tag having an identifier and a set of one or more attributes.

14. (Previously Presented) The method of claim 13, wherein the tagged metalanguage is Extensible Markup Language (XML).

15. (Currently Amended) A local system in communication with a host system having a host file system over a network, comprising:

a storage device having a local file system; and

a computer readable medium including a data structure, said data structure representing information describing a file system connection between the local file system located on the local system and the host file system located on the host system, wherein said data structure comprises a file system connection descriptor, said file system connection descriptor comprising:

(i) a local system data structure comprising at least one tag representing the local file system;

(ii) a host system data structure comprising at least one tag representing the host file system; and

(iii) a mapping data structure comprising at least one tag representing a mapping between the local file system and the host file system.

16. (Previously Presented) The local system of claim 15, wherein the mapping data structure comprises:

a local file extension data structure storing a local file extension;

COPY

Amdt. dated February 28, 2005
Reply to Final Office action of Dec. 30, 2004

Serial No. 09/579,864
Docket No. STL920000034US1
Firm No. 0054.0029

a host file pattern data structure storing a pattern describing a host file to which the local file extension will be applied; and

a transfer type data structure storing a transfer type that defines how data will be transferred between the host system and the local system for this mapping.

17. (Previously Presented) The local system of claim 16, wherein the mapping data structure further comprises:

a host codepage data structure storing an identification of a host codepage in which data in the host file is encoded; and

a local-codepage data structure storing an identification of a local codepage in which data in a local file is encoded.

18. (Previously Presented) The local system of claim 15, wherein the host system data structure comprises:

a data structure storing an identification of the host system;

a data structure storing an identification of a user of the host system;

a data structure storing an identification of a preferred drive on the local system; and

a data structure storing an indication that the preferred drive be automatically connected by default when a remote connection is established with the host system.

19. (Previously Presented) The local system of claim 15, wherein the host system data structure further comprises:

a data structure storing an identification of a list of qualifier data structures, wherein each qualifier data structure stores a qualifier name, a name identifying a directory on the host system, and an identification of file attributes of a file located in the host system directory.

20. (Previously Presented) The local system of claim 15, wherein the file system connection descriptor is encoded in a tagged metalanguage document comprising one or more tags, each tag having an identifier and a set of one or more attributes.

COPY

Amdt. dated February 28, 2005
Reply to Final Office action of Dec. 30, 2004

Serial No. 09/579,864
Docket No. STL920000034US1
Firm No. 0054.0029

21. (Previously Presented) The local system of claim 20, wherein the tagged metalanguage is Extensible Markup Language (XML).